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Title: FULLY IMPLANTABLE NERVE SIGNAL SENSING
AND STIMULATION DEVICE . . .

Inventors: M.D. Baru Fassio et al.

Docket No.: NEUR122612

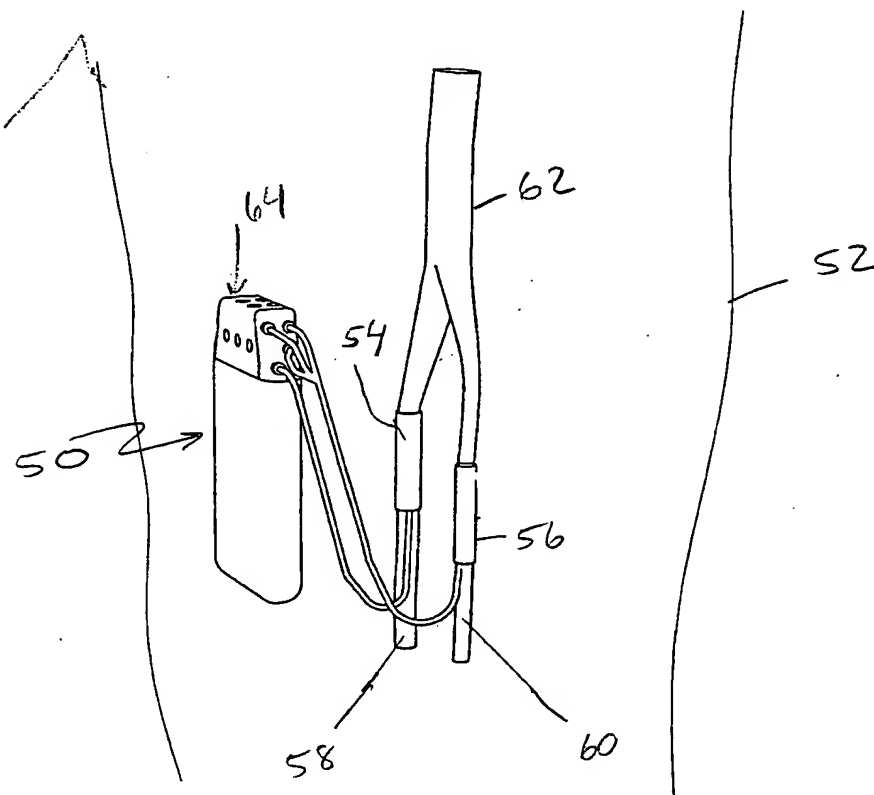
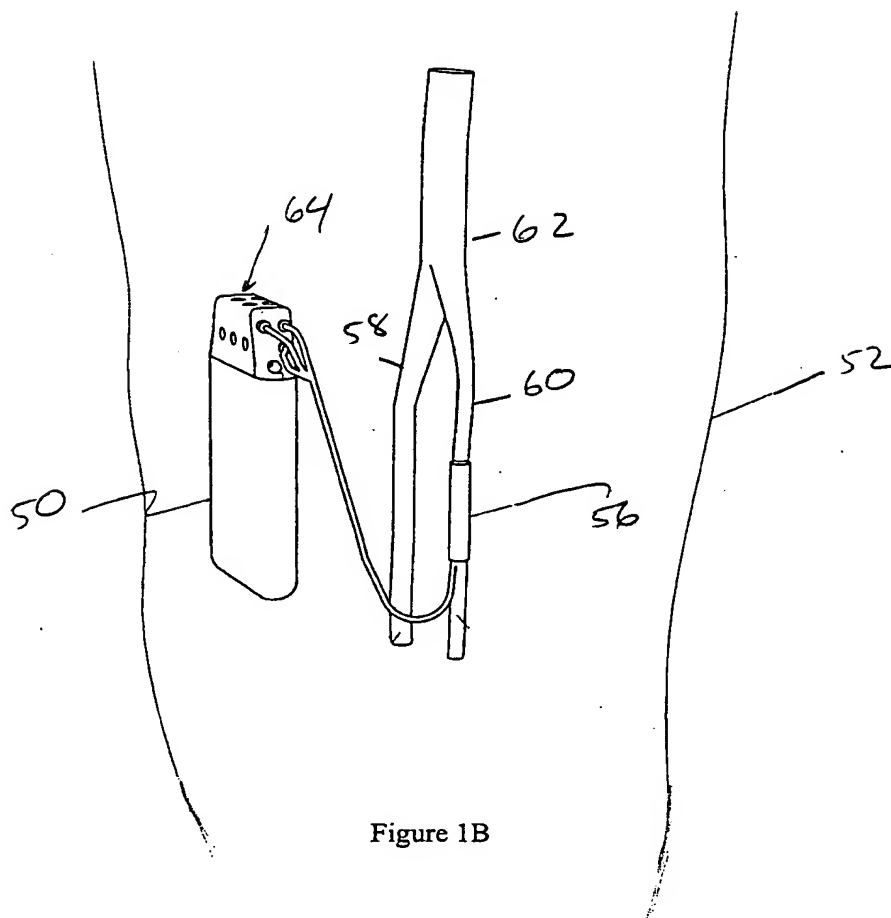


Figure 1A

Title: FULLY IMPLANTABLE NERVE SIGNAL SENSING
AND STIMULATION DEVICE . . .

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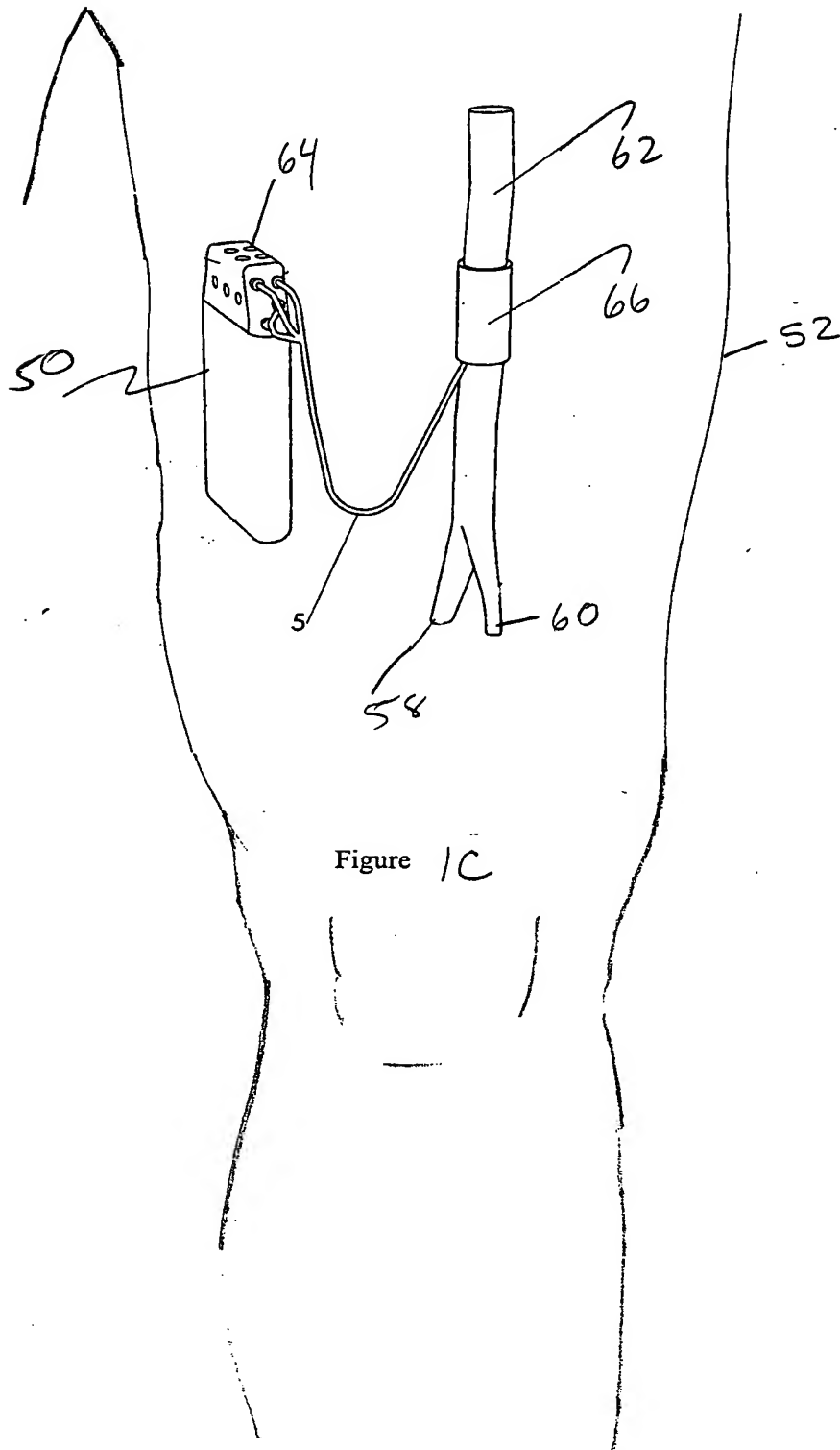


Figure 1C

Title: FULLY IMPLANTABLE NERVE SIGNAL SENSING
AND STIMULATION DEVICE . . .

Inventors: M.D. Baru Fassio et al.

Docket No.: NEUR122612

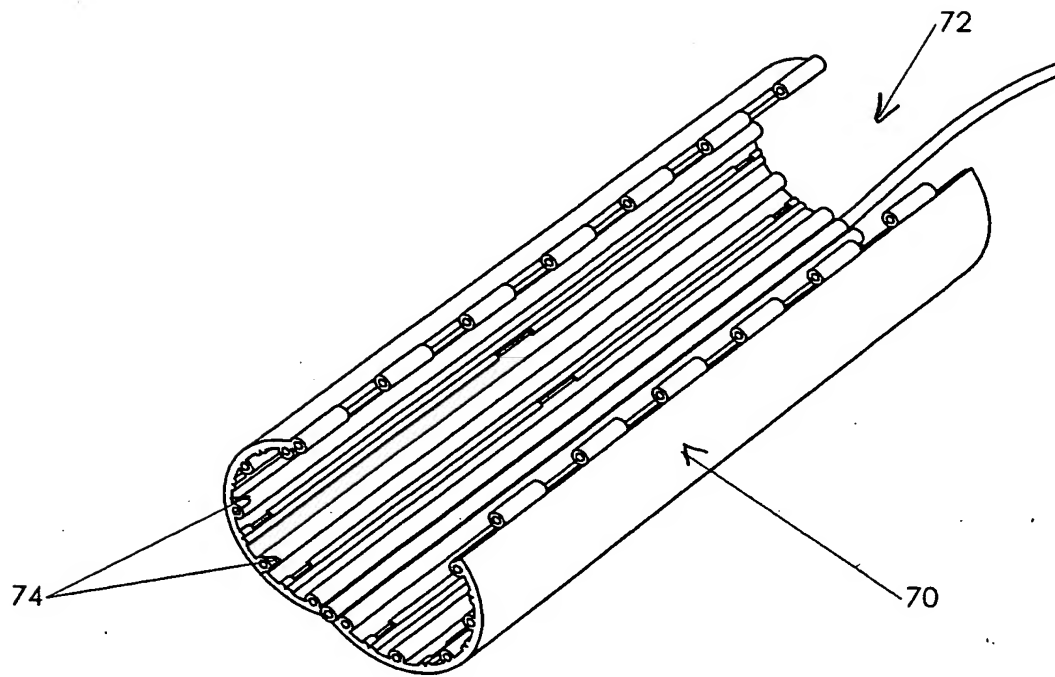


Fig 2

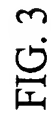


FIG. 3

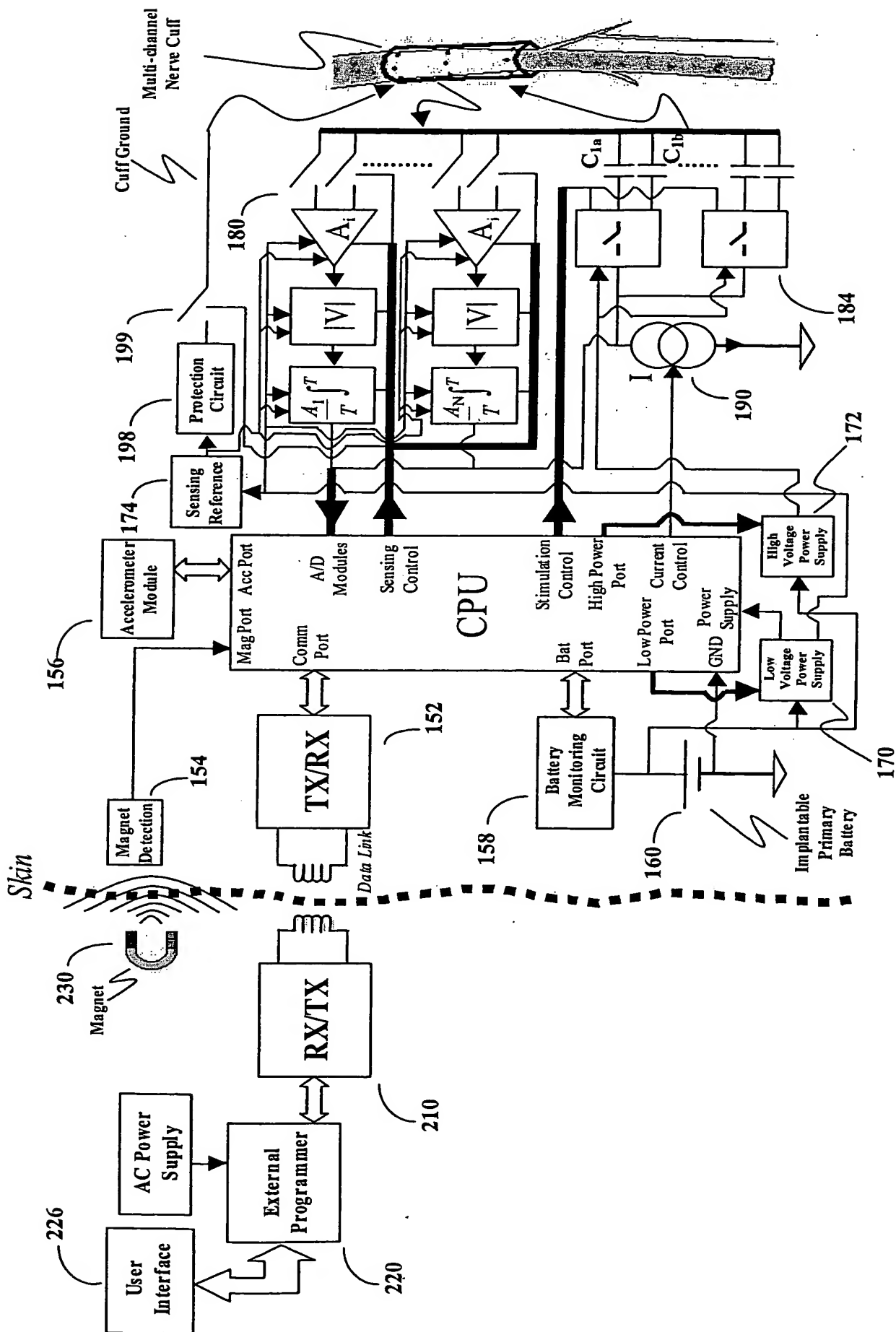
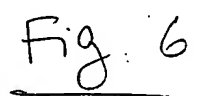


FIG. 4



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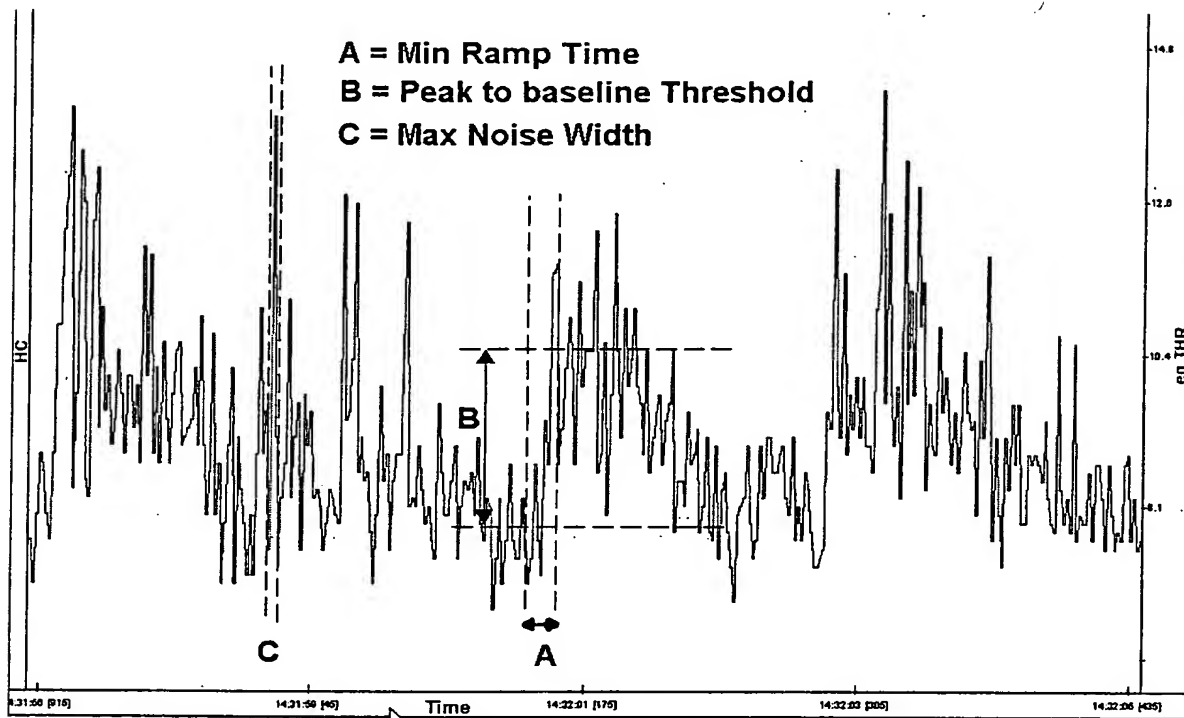


Figure 1. HC Rising event characterization

FIG
7A

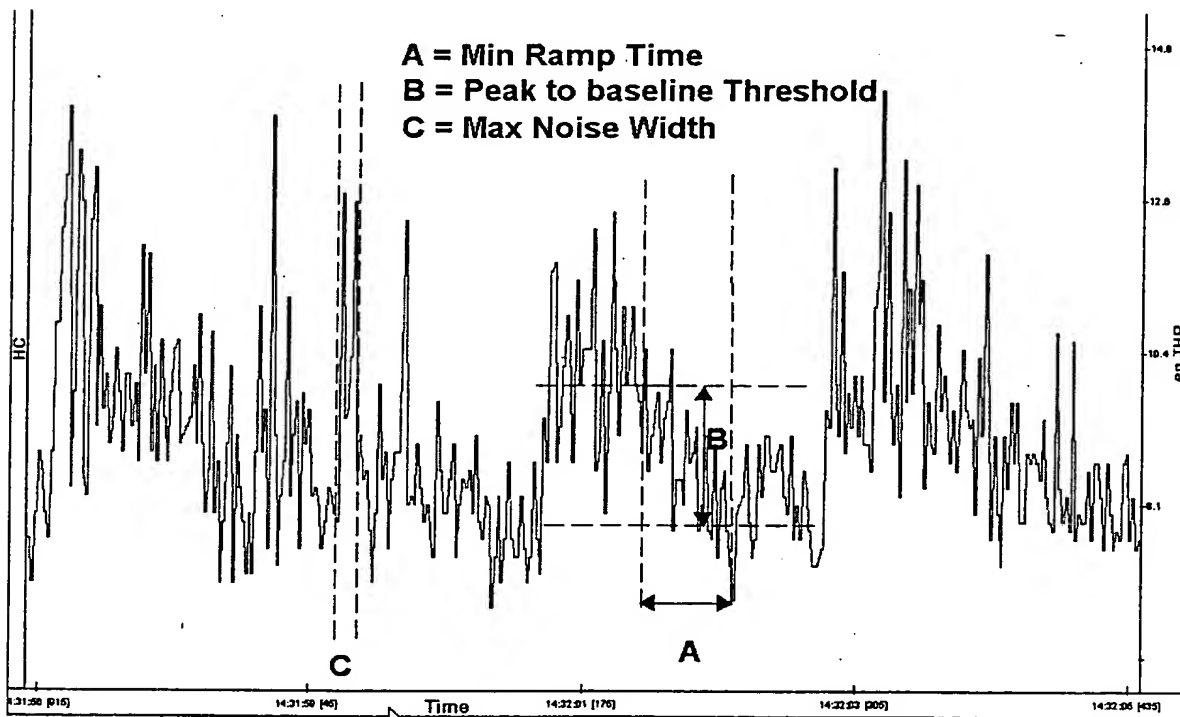


Figure 2. TL Falling event characterization

FIG
7B

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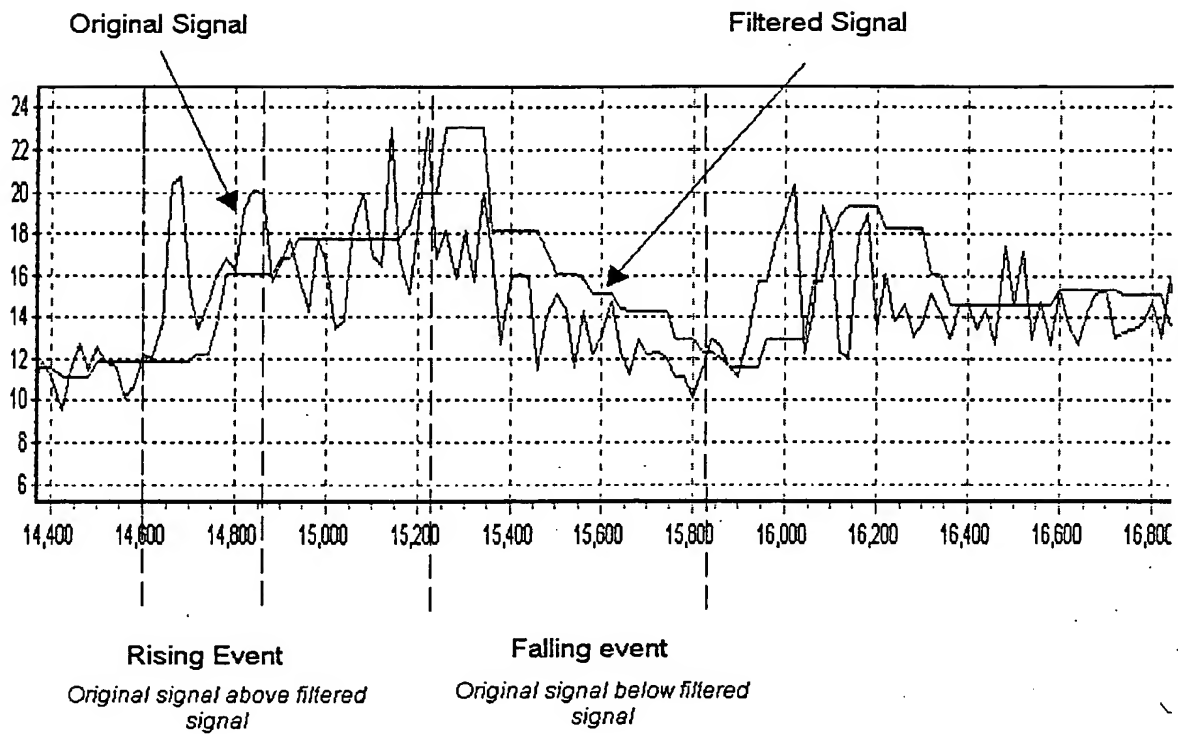


FIG 7C

HC Rising Event location Flow Chart

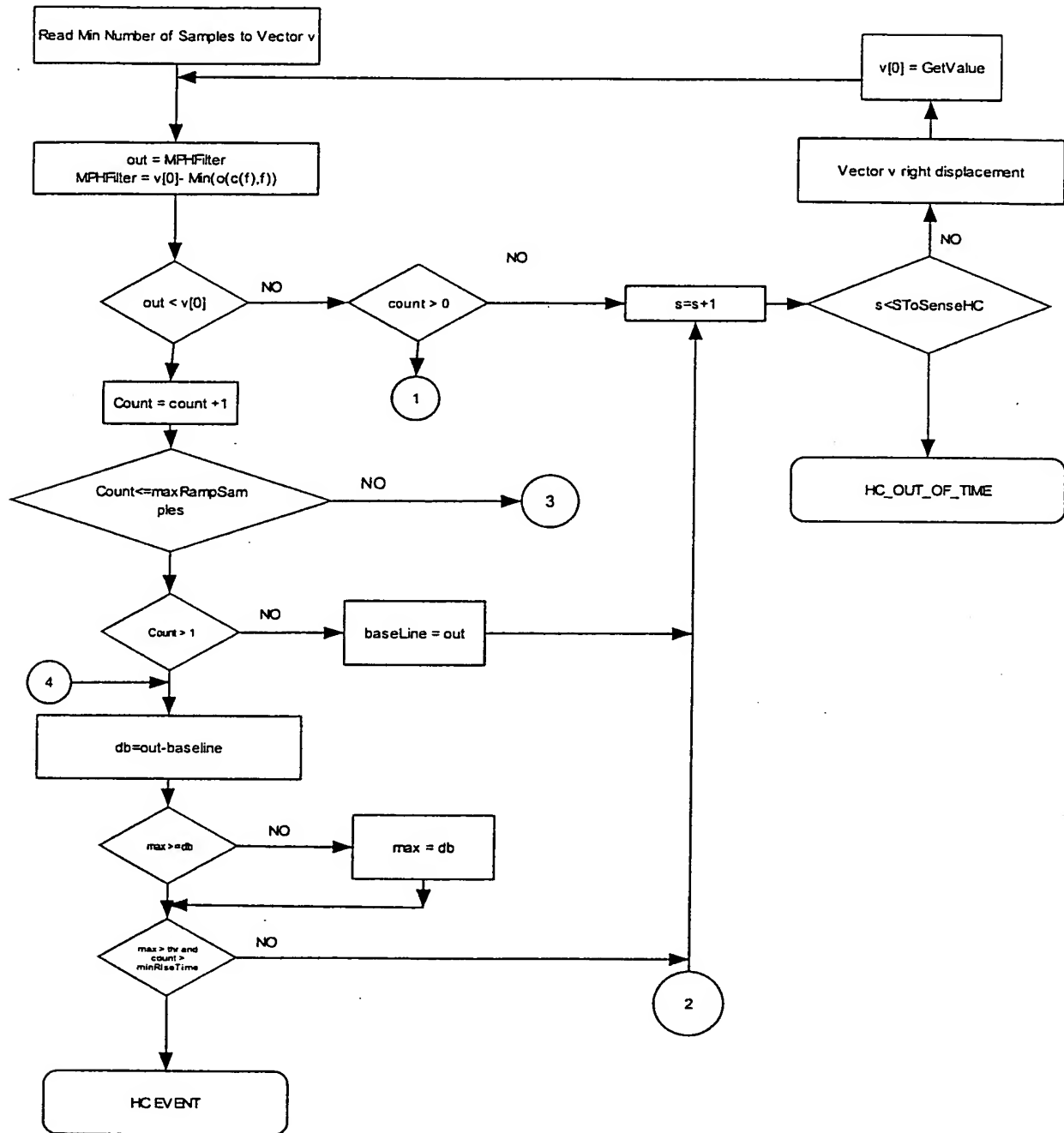


Figure 8A

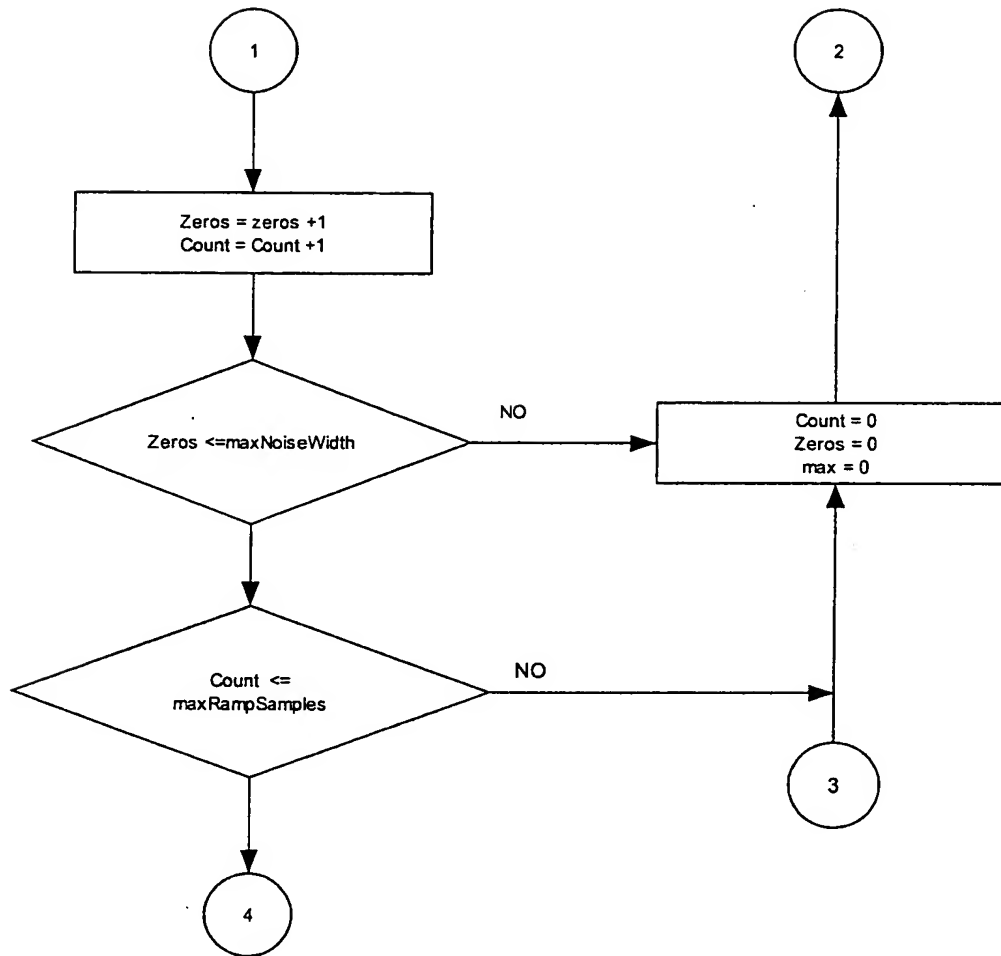


Figure 8B

TL Falling Event location Flow Chart

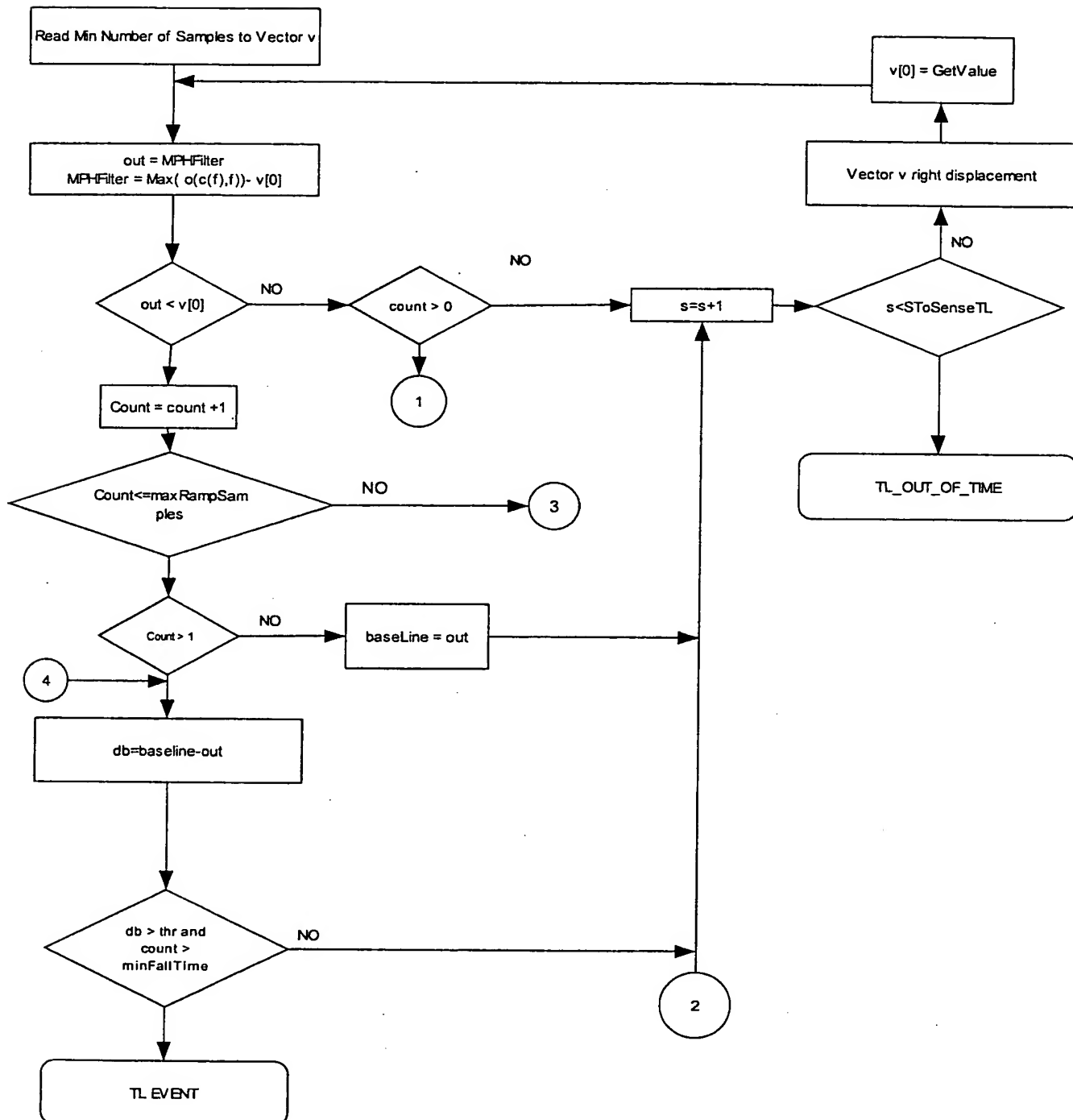


Figure 9A

Title: FULLY IMPLANTABLE NERVE SIGNAL SENSING
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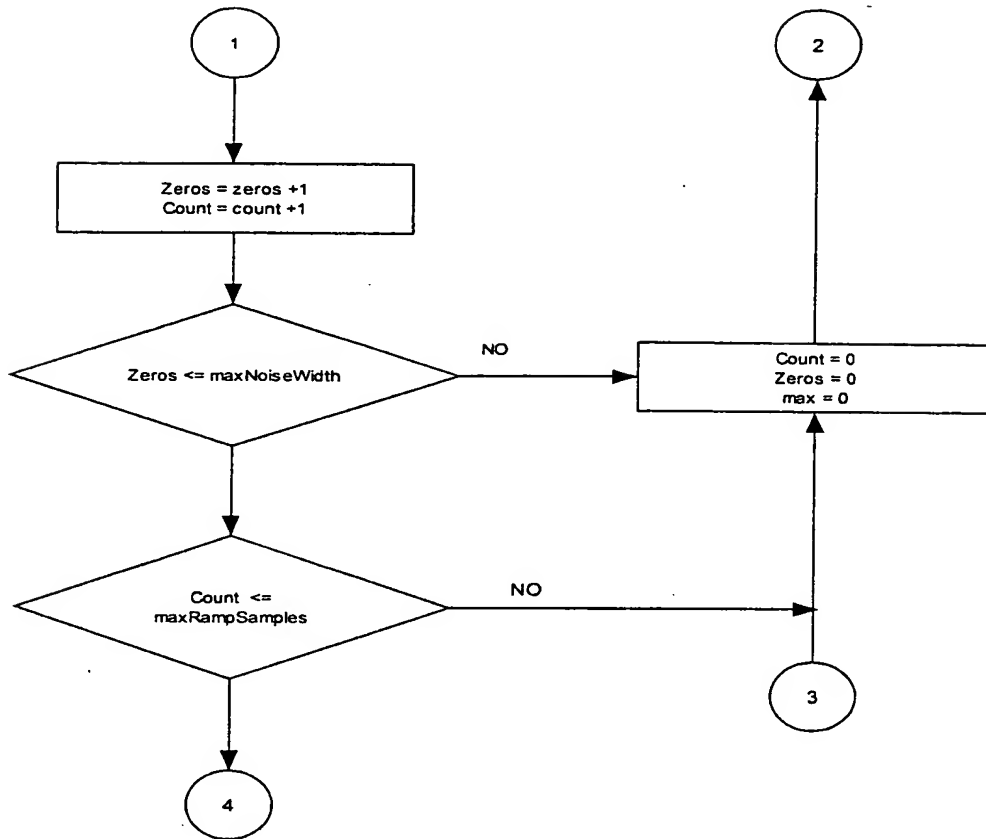


Figure 9B

- 2 -

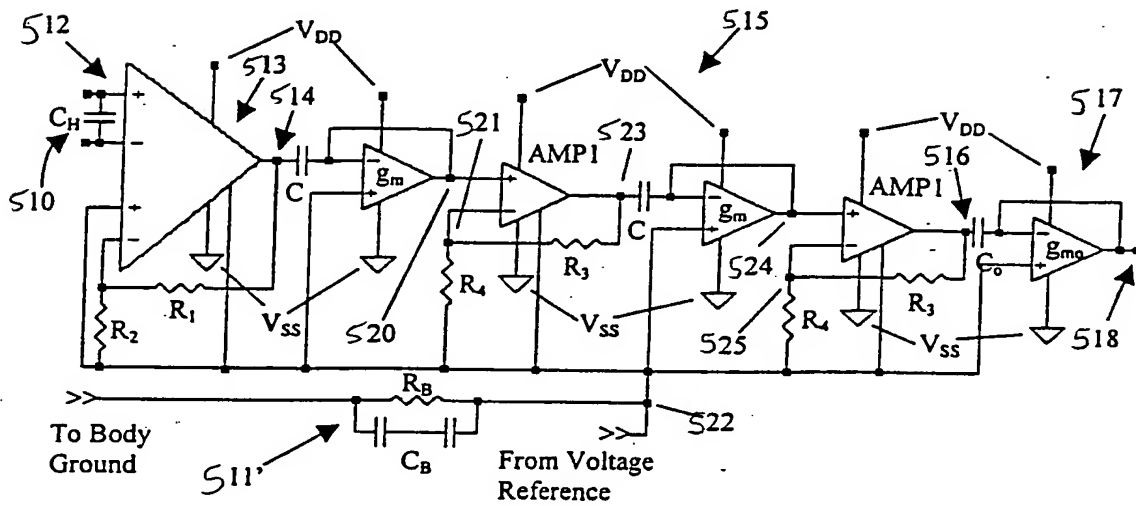


FIG. 10A

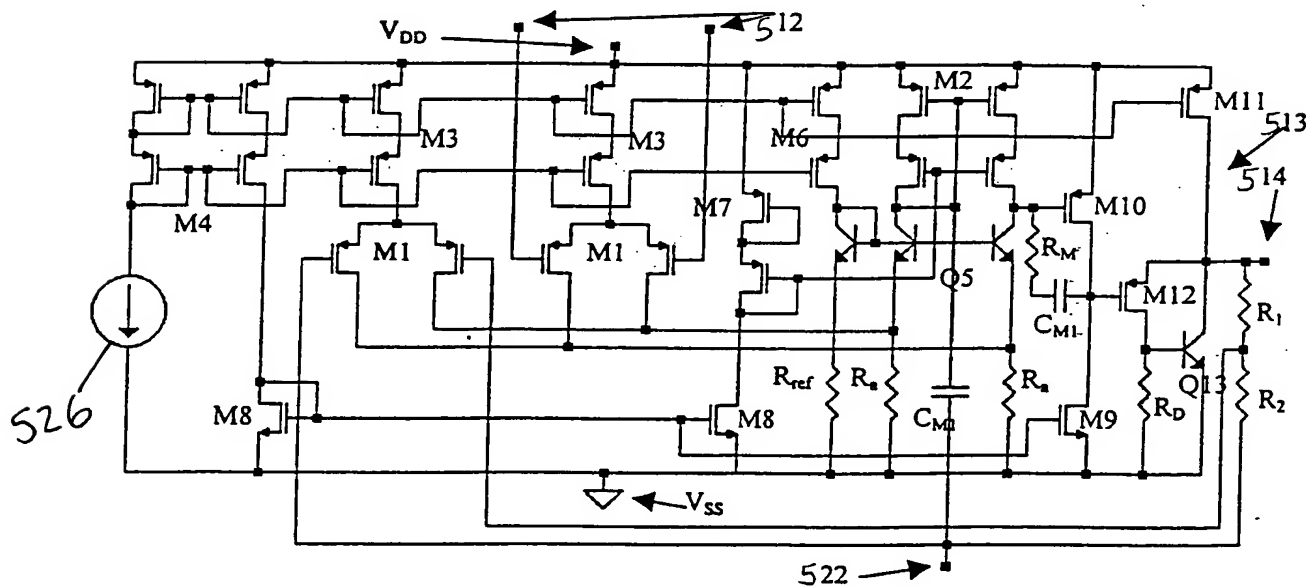


FIG. 10B

- 3 -

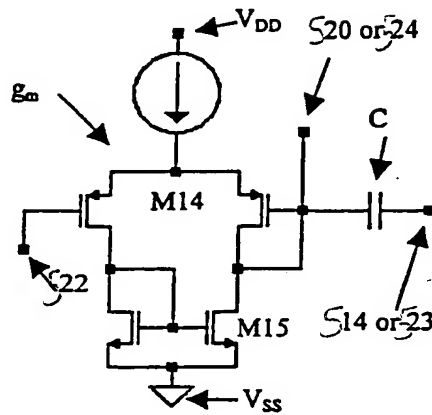


FIG.

10C

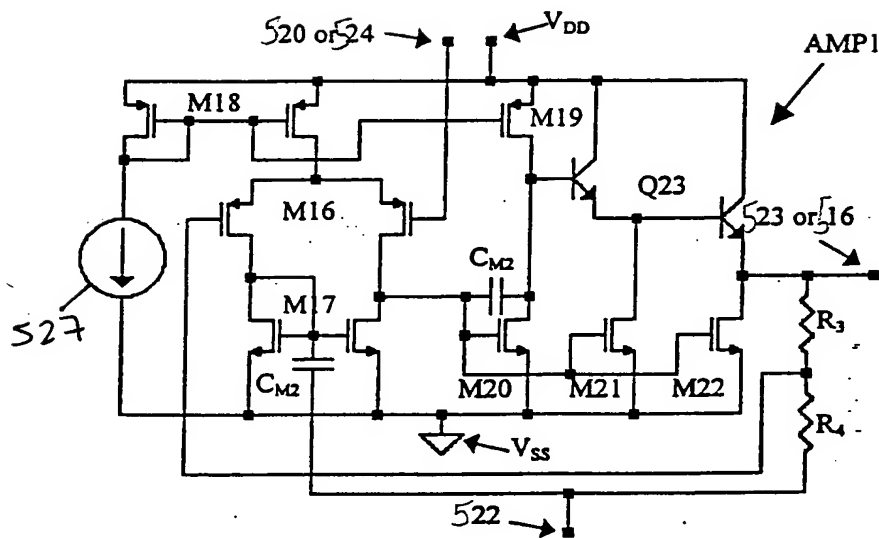


FIG.

10D

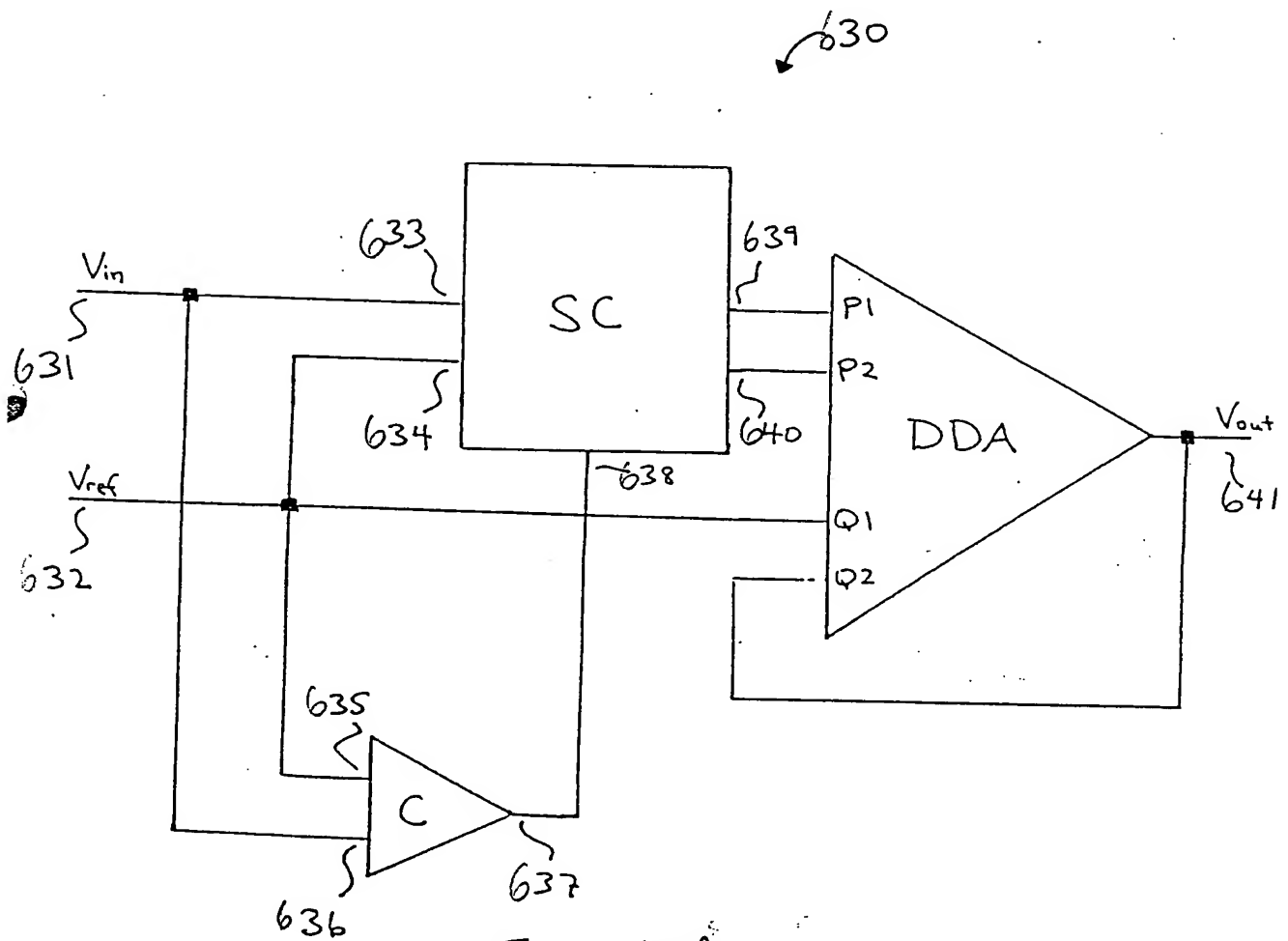


FIG. 11A

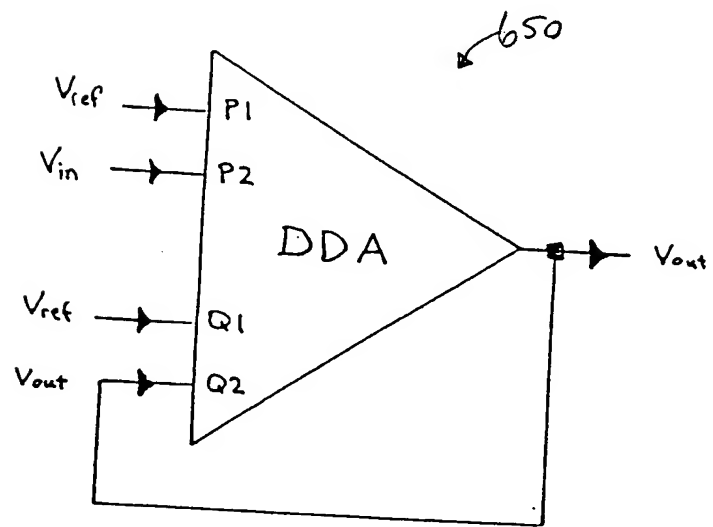


FIG. 11B

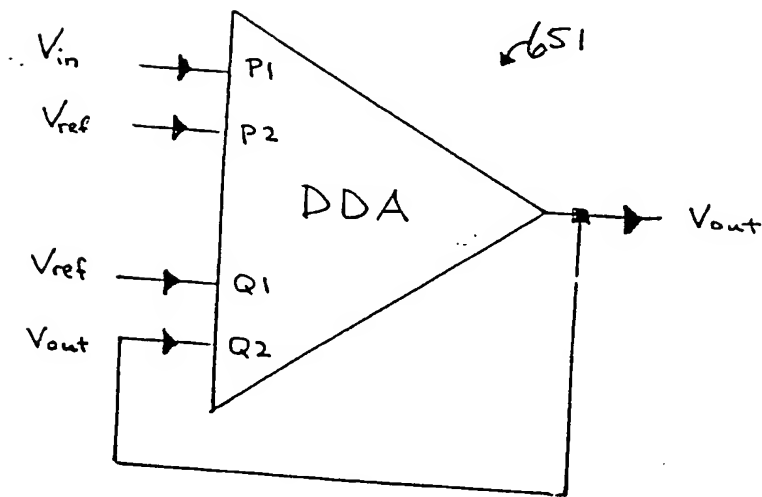


FIG. 11C

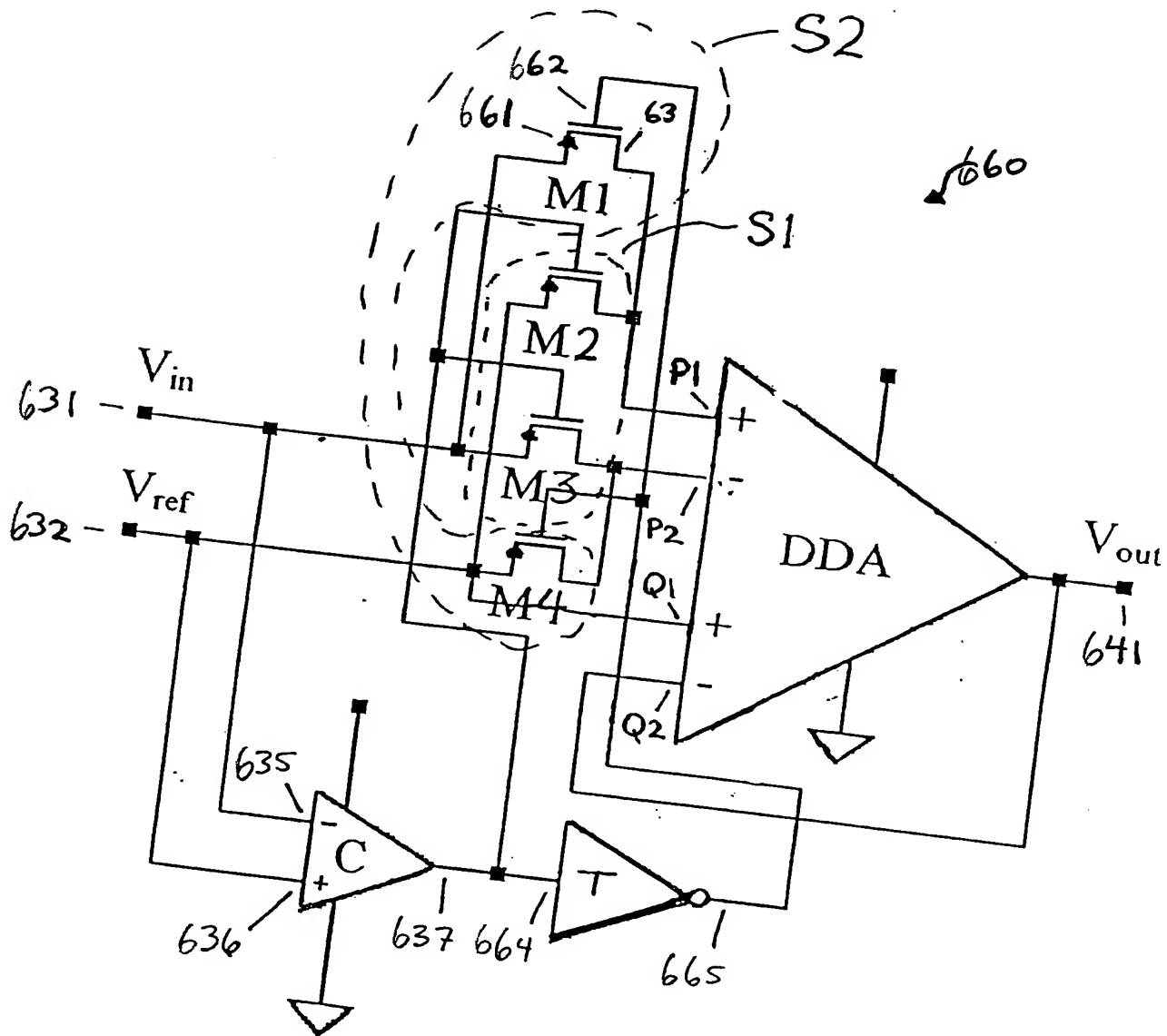


FIG. 11D 11D

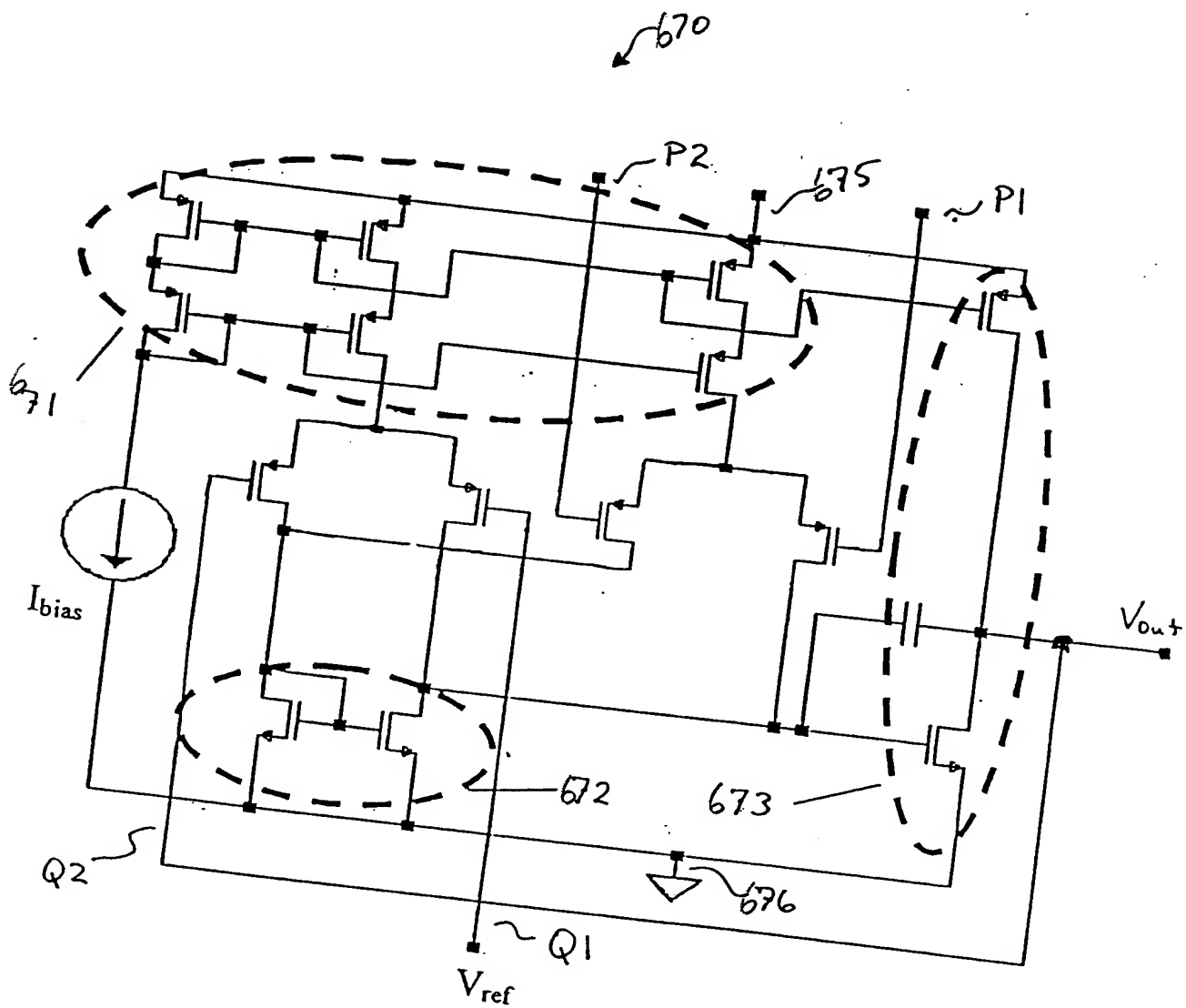


FIG. 11E